



**POWER MATE
TECHNOLOGY CO., LTD.**
NO. 36, Road 22nd, Taichung, Industrial
Park, Taichung, Taiwan, R.O.C.
TEL: 886-4-23590868
FAX: 886-4-23591338



**DC/DC
CONVERTERS**
MARKETING DEPT.
DIRECT LINE: 886-4-23591087
FAX: 886-4-23591337
E-mail: sales@pduke.com
Http://www.pduke.com

PM-TE01A

DC/DC CONVERTER SPECIFICATIONS

GENERAL SPECIFICATIONS

All Specifications are Typical at Nominal input(40V), Full Load,
and 25°C unless otherwise noted .

Output Short Circuit Protection _____ Continuous

IN/OUT Isolation Voltage _____ 1600VDC min.

IN/OUT Isolation Resistance _____ 10^9 Ohms min.

IN/OUT Isolation Capacitance _____ 300pf max.

Operating Temperature Range _____ -10 °C to + 71°C

Storage Temperature Range _____ -55°C to +125°C

Humidity _____ 5%~95% RH

Efficiency : 70% Typ. at +5V O/P 15mA.

70% Typ. at +5V O/P 200mA

INPUT VOLTAGE RANGE	OUTPUT VOLTAGE	OUTPUT CURRENT	OUTPUT VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	OUTPUT RIPPLE, NOISE 20MHZ, BW.	MIN. LOAD
24-48 VDC NOMINAL 40VDC	5VDC	200mA	± 3%	± 1%	± 1%	100mV P-P	0mA

PHYSICAL SPECIFICATION :

Case Material : Non-conductive Black Plastic



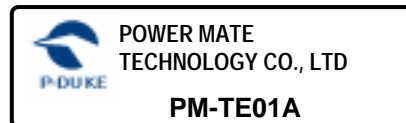
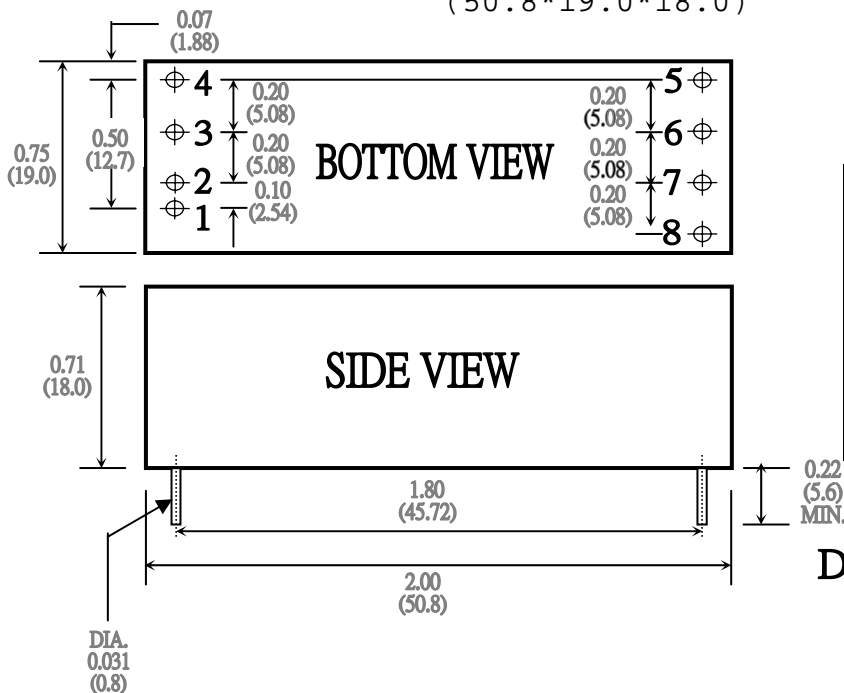
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MECHANICAL DRAWING

LENGTH*WIDTH*HEIGHT 2*0.75*0.71
(50.8*19.0*18.0)



PIN CONNECYIONS	
PIN #	PM-TE01A
1	+Vin
4	-Vin
5	+5Vout
7	COM

Dimensions in inches and (mm)
Tolerance .xx = ±0.02
.xxx = ±0.005